

SEQUENCE LISTING

<110> BAGUTTI; Claudia
 CHIQUET-EHRISMANN; Ruth
 DRABIKOWSKI; Krzysztof; Piotr
 RUBIN-LUCHT; Beatrix; Paulette

<120> METHODS FOR DETECTING TENEURIN
 SIGNALLING AND RELATED SCREENING METHODS

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<140> 10/530,542

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<151> 2003-10-14

<150> GB0223984

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Gly	Arg	Lys	Pro	Arg	Gln	Ser	Tyr	Asn	Ser	Arg	Glu	Thr	Leu	His	Glu	
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ggt gct gcc tca cct gac cat gca cta aga atg tgg ata agg gga atg	384
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aaa tca gag cat agt tcc tgt ttg tcc agc cgg gcc aac tct gca tta	432
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tcc ttg act gac act gac cat gaa agg aag tct gat ggg gaa aat gat	480
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Pro Pro Pro Pro Pro His Ala Cys Thr Cys Ala Arg Lys Pro Pro Pro	
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Ala Ala Asp Ser Leu Gln Arg Arg Ser Met Thr Thr Arg Ser Gln Pro	
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Ser Pro Ala Ala Pro Ala Pro Pro Thr Ser Thr Gln Asp Ser Val His	
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Pro Arg Pro Leu Pro Arg Ser Thr Phe Ser Arg Pro Ala Phe Thr Phe	
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 Lys Glu Val Glu Lys Ser Thr Gln Glu Met Glu Phe Cys Glu Thr Ser
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 Gly Ala Ala Ser Pro Asp His Ala Leu Arg Met Trp Ile Arg Gly Met
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 Ser Leu Thr Asp Thr Asp His Glu Arg Lys Ser Asp Gly Glu Asn Asp
 145 150 155 160
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 165 170 175
 Pro Pro Pro Pro Pro His Ala Cys Thr Cys Ala Arg Lys Pro Pro Pro
 180 185 190
 Ala Ala Asp Ser Leu Gln Arg Arg Ser Met Thr Thr Arg Ser Gln Pro
 195 200 205
 Ser Pro Ala Ala Pro Ala Pro Pro Thr Ser Thr Gln Asp Ser Val His
 210 215 220
 Leu His Asn Ser Trp Val Leu Asn Ser Asn Ile Pro Leu Glu Thr Arg
 225 230 235 240
 His Phe Leu Phe Lys His Gly Ser Gly Ser Ser Ala Ile Phe Ser Ala
 245 250 255
 Ala Ser Gln Asn Tyr Pro Leu Thr Ser Asn Thr Val Tyr Ser Pro Pro
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 Pro Arg Pro Leu Pro Arg Ser Thr Phe Ser Arg Pro Ala Phe Thr Phe
 275 280 285
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Arg Val Pro Thr Gln Lys Ser Tyr Ser Ser Ser Glu Thr Leu Lys Ala	
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Tyr Asp His Asp Ser Arg Met His Tyr Gly Asn Arg Val Thr Asp Leu	
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Cys Ser Asp Met Gly Ile Leu His Gln Gly Tyr Ser Leu Ser Thr Gly	
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115 120 125	
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Phe Lys Thr Ser Ser Gly Ser Thr Pro Leu Phe Ser Ser Ser Ser Pro	
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 Ile His Arg Glu Ser Asp Glu Phe Pro Arg Gln Gly Thr Asn Phe Thr
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 Cys Ser Asp Met Gly Ile Leu His Gln Gly Tyr Ser Leu Ser Thr Gly

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Leu Ala Phe Cys Ala Glu Met Gly Leu Pro His Arg Gly Tyr Ser Ile	
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Ser Ala Gly Ser Asp Ala Asp Thr Glu Asn Glu Ala Val Met Ser Pro	
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Ser Cys Leu Ser Ser Arg Ser Asn Ser Ala Leu Thr Leu Thr Asp Thr	
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Glu His Glu Asn Lys Ser Asp Ser Glu Asn Glu Gln Pro Ala Ser Asn	
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caa ggc cag tct acc ctg cag ccc ttg ccg cct tcc cat aag cag cac	576
Gln Gly Gln Ser Thr Leu Gln Pro Leu Pro Pro Ser His Lys Gln His	
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Ser Ala Gln His His Pro Ser Ile Thr Ser Leu Asn Arg Asn Ser Leu	
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acc aat aga agg aac cag agt ccg gcc ccg ccg gct gct ttg ccc gcc	672
Thr Asn Arg Arg Asn Gln Ser Pro Ala Pro Pro Ala Ala Leu Pro Ala	
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Leu Gly Ser Asn Val Pro Leu Glu Ser Arg His Phe Leu Phe Lys Thr	
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Gly Thr Gly Thr Thr Pro Leu Phe Ser Thr Ala Thr Pro Gly Tyr Thr	
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Met Ala Ser Gly Ser Val Tyr Ser Pro Pro Thr Arg Pro Leu Pro Arg	
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Cys	Ser	Trp	Lys	Cys	Thr	Ala	Leu	Cys	Ala	Val	Gly	Val	Ser	Val	Leu	
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ctg	gca	ata	ctc	ctg	tct	tat	ttt	ata	gca	atg						993
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Cys	Arg	Val	Pro	Thr	Gln	Lys	Ser	Tyr	Ser	Ser	Ser	Glu	Thr	Leu	Lys	
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 Asp Gln Asp Ala Arg Leu Ala Tyr Gly Ser Arg Val Lys Asp Ile Val
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 Arg Glu Leu Gly Leu Glu Glu Val Thr Pro Pro His Gly Thr Leu Tyr
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 cgg aca gac att ggc ctc ccc cac tgc ggc tac tcc atg ggg gct ggc 336
 Arg Thr Asp Ile Gly Leu Pro His Cys Gly Tyr Ser Met Gly Ala Gly
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 Ser Asp Ala Asp Met Glu Ala Asp Thr Val Leu Ser Pro Glu His Pro
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 aac act gag act gat cat ccg ggc ggc ctg cag aac cac gcg cgg ctc 528
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 Arg Thr Pro Pro Pro Pro Leu Ser His Ala His Thr Pro Asn Gln His
 180 185 190

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Pro Ala Gly Gly Ala Gln Glu Pro Ala His Ala Gln Glu Asn Trp Leu	
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Phe Leu Gly Thr Leu Gln Asp Asn Leu Ile Glu Met Asp Ile Leu Gly	
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Ala Ser Arg His Asp Gly Ala Tyr Ser Asp Gly His Phe Leu Phe Lys	
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Pro Gly Gly Thr Ser Pro Leu Phe Cys Thr Thr Ser Pro Gly Tyr Pro	
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 <221> primer_bind
 <222> (1)...(32)
 <223> PCR primer for 4 Kb upstream of promoter

 <400> 11
 cattggtcaa ttggcgcgcc cattcgcaga cg 32

 <210> 12
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <221> primer_bind
 <222> (1)...(26)
 <223> PCR primer for 4 Kb upstream of promoter

 <400> 12
 attaggcggg ggggggtaccg cattcg 26

 <210> 13
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <221> primer_bind
 <222> (1)...(26)
 <223> PCR primer for 3 Kb downstream of promoter

 <400> 13
 gaattcgcat gcaaattgtga agcatg 26

 <210> 14
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <221> primer_bind

<222> (1)...(27)
 <223> PCR primer for 3 Kb downstream of promoter

 <400> 14
 ccaccaggta ccggatcacc attgttc 27

 <210> 15
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <221> primer_bind
 <222> (1)...(26)
 <223> PCR primer for DNA encoding the long intracellular
 domain

 <400> 15
 cagagtgcgg ccgcccgtgc gtttcg 26

 <210> 16
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <221> primer_bind
 <222> (1)...(27)
 <223> PCR primer for DNA encoding the long intracellular
 domain

 <400> 16
 ggctaggaat tcattccatt tggatgg 27

 <210> 17
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <221> primer_bind
 <222> (1)...(30)
 <223> PCR primer for DNA encoding the short
 intracellular domain

 <400> 17
 ttacaat ttcaggcggcc gcaagttggc 30

 <210> 18
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

<221> primer_bind
<222> (1)...(27)
<223> PCR primer for DNA encoding the short
intracellular domain

<400> 18
ggctaggaat tcattccatt tggatgg

27

<210> 19
<211> 20
<212> PRT
<213> Homo sapiens

<220>
<221> PEPTIDE
<222> (1)...(20)
<223> Ten-1 specific peptide from the N-terminus of the
long variant

<400> 19
Met Phe Gln His Arg Thr Thr Asn Ala Gln Gly Pro Pro Pro Asn Arg
1 5 10 15
Pro Met Pro Arg
20

<210> 20
<211> 20
<212> PRT
<213> Homo sapiens

<220>
<221> PEPTIDE
<222> (1)...(20)
<223> Ten-1 specific peptides from the common C-terminus

<400> 20
Pro Ala His Gln Ser Gly Leu Leu Ala Ser Val His Ser Trp Lys Phe
1 5 10 15
Arg Lys Ser Glu
20